Index of Claims

| Applica | tion/C  | ontrol | No  |
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10/807,861

Examiner
Cynthia Hamilton

Applicant(s)/Patent under Reexamination

KANG ET AL.

Art Unit

1752

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                    | aim          |          |          |                    | Date  |              |               |               | CI   | aim      |               |        |                 | Date     |   |                         |           |          | Cli    | aim        |                 |          |   | D            | ate          |         |         | $\neg$          |
|------------------------|--------------|----------|----------|--------------------|---|--------------|---------------|---------------|--|----------|---------------|--------|-----------------|----------|---|-------------------------|-----------|----------|--------|------------|-----------------|----------|---|--------------|--------------|---------|---------|-----------------|
| _                      | ল            | 0        | 5        | 4                  |   |              |               |               |  | <u> </u> |               |        |                 |          |   |                         |           |          |        | <u>e</u>   |                 |          |   | П            |              | T       |         | $\Box$          |
| Final                  | qriginal     | O        | 9        | 1 1                |   |              |               |               | Final  | Original |               |        |                 |          |   |                         |           |          | Final  | Original   |                 |          |   | ı            |              |         |         |                 |
| i L                    | <del>-</del> |          |          | -                  |   |              |               |               | ፲፫   | ő        |               |        |                 |          |   |                         |           |          | ίΞ     | Ę          |                 |          | -   |              | - 1          | -       |         |                 |
|                        |              | 12       | 001      | 2                  |   | $\dashv$     | +             |               | <u> </u>   |          | $\perp \perp$ |        | ╄               |          | $\perp$   | 1                       |           |          |        |            | Щ               |          | _   | _            | 4            | $\bot$  | _ _     | Ш               |
|                        | 1_1_         | -        | 1        | +                  |   | +            | +             |               | <u> </u>   | 51       | $\vdash$      | +      | +               | $\perp$  | _   | 1-                      |           |          |        | 101        | $\sqcup$        | _        | _   | 4            | 1            |         |         | 1               |
|                        | 2            | _        | 1        | +                  |   | -            | ++            | 4             |  | 52       |               | +      | +               | $\vdash$ | _   | +                       |           |          | ٠      | 102        | $\sqcup$        | _        | 4   | 4            | 4            | _       | _       | 1               |
| $\vdash$               | 3            | 0        | 1        | +                  | -+  | -            | +             | -             | <u> </u>   | 53       |               | +      | +               | $\vdash$ | -   | +                       |           |          |        | 103        |                 | _        | $\perp$   | $\dashv$     | $\dashv$     | 4       |         | 44              |
|                        | 5            | 0        | 1        | +                  | -+  | +            | ++            |               | -  | 54<br>55 | $\vdash$      | +      | +-              | $\vdash$ | +   | ╁┵                      |           |          |        | 104        | Н               | $\dashv$ | -   | 4            | 4            | 4       | +       | 1               |
| $\vdash$               | 6            | ۳        | 1        |                    | -+  | +            | +             |               | -  | 56       | -             | +      | <del> -</del>   | $\vdash$ | +   | -                       | $\dashv$  |          |        | 105        | Н               |          | +   | $\dashv$     | +            | -       | +       | 4-4             |
| <b></b>                | 7            | -        | 1        | ╌                  | +   | ┰            | ++            | -             |  | 57       | $\vdash$      |        | +-              | $\vdash$ |   | +                       | $\dashv$  |          |        | 106<br>107 |                 | -+       | +   | +            | +            |         | +       | +               |
| H                      | 8            | $\vdash$ | 1        | $\dashv$           | +   |              | ++            | -             |  | 58       | $\vdash$      |        | +               |          |   | +                       | $\dashv$  |          |        | 107        | $\vdash$        | $\dashv$ | +   | +            | -+           | +       | -       | +               |
|                        | 9            | $\vdash$ | 1        | +                  |   | +            | ++            | -             | -  | 59       | ╁┼            | -      | ╆               | -        |   | +                       | $\dashv$  | -        |        | 109        | H               | $\dashv$ | -+  | +            | +            | +       | -       | ++              |
|                        | 10           | $\vdash$ | 1        | <del>  </del>      | _   | +            | +             | -             |  | 60       | $\vdash$      | +      | +-              | $\vdash$ | +   | ╅╾╂                     | 一         |          |        | 110        | Н               | -+       | +   | +            | +            | -       | +       | +               |
|                        | 11           |          | 1        | ++                 | $\dashv$  | +            | +             | <b>- </b> ::: | -  | 61       | $\vdash$      | +      | +               | $\vdash$ | +-  | 1 1                     | $\dashv$  | ŀ        |        | 111        | ┝╌┤             | -+       | +   | +            | +            | +       | +       | +               |
|                        | 12           | Г        | 1        | 77                 | 十   |              | $\top$        | 1             |  | 62       |               | +      | +               | $\vdash$ | - -   | 1                       | $\dashv$  |          |        | 112        | $\vdash \vdash$ | $\dashv$ | +   | $\dashv$     | +            | +       | +       | +               |
|                        | 13           | П        | 1        | $\top$             | 1   | $\neg$       | 11            | 7             |  | 63       | -             | 1      | T               |          | $\top$  | 1 1                     | ᅱ         | ŀ        | $\neg$ | 113        | $\vdash$        | $\dashv$ | +   | -            | +            | +       | +       | +               |
|                        | 14           |          | 0        | 丁寸                 |   | $\top$       | $\top$        | 7             |  | 64       |               | $\top$ | T               |          | 1.  |                         | ᅱ         |          |        | 114        | H               | 7        | 十   | $\dashv$     | +            | $\top$  | +       | +               |
|                        | 15           |          | 0        |                    |   |              |               |               |  | 65       |               |        | T               | $\Box$   |   | 17                      | $\dashv$  |          |        | 115        | H               | $\dashv$ |   | 十            | +            | $\top$  | $\top$  | +               |
|                        | 16           |          | <b>√</b> |                    |   | Ι            |               |               |  | 66       |               |        |                 |          |   |                         | ヿ         |          |        | 116        |                 | 1        | T   | $\dashv$     | $\top$       | $\top$  | $\top$  | $\dagger \Box$  |
| $\square$              | 17           |          | <b>√</b> |                    | $oldsymbol{ol}}}}}}}}}}}}}}}$ |              |               |               |  | 67       |               | I      |                 |          |   |                         |           |          |        | 117        |                 | $\Box$   |   | ▔            | _            |         |         | $\top$          |
|                        | 18           |          | 1        | $\perp \perp$      | $\perp$   |              |               | _             | L  | 68       |               |        |                 |          |   |                         |           | [        |        | 118        |                 |          | $\Box$  |              | $\Box$       |         |         | П               |
| Ш                      | 19           |          | 0        |                    |   |              | $\perp \perp$ | _             | L  | 69       | Ш             |        |                 |          |   |                         |           |          |        | 119        |                 | $\Box$   |   |              | $\Box$       |         |         |                 |
|                        | 20.          |          | <b>V</b> | $\perp \perp$      |   |              | $\bot\bot$    | 4             |  | 70       |               |        |                 |          | _   | $\sqcup$                |           |          |        | 120        |                 |          |   |              |              |         |         |                 |
| <u> </u>               | 21           | L_       | 1        | $\bot$             |   |              | $\perp \perp$ | 4             |  | 71       |               |        | <u> </u>        |          | _   |                         |           | _        |        | 121        |                 | _        | $\perp$   | $\perp$      | $\perp$      |         |         | Ш               |
| $\vdash \vdash$        | 22           |          | ٧        | $\dashv$           | -   | +            |               | 4             |  | 72       | Ш             |        | 1_              | $\Box$   | $\perp$   | $\downarrow \downarrow$ |           | _        |        | 122        |                 |          | $\perp$   | $\perp$      | $\perp$      | ᆚ       |         | Ш               |
|                        | 23           |          | 0        | -                  | -   |              | -  -          | -             |  | 73       | <u> </u>      |        |                 | <b>-</b> |   | $\sqcup$                | _         | -        |        | 123        | _               | 4        | 4   | 4            | _            |         | _       | $\perp \perp$   |
|                        | 24<br>25     |          | N<br>N   | +                  | $\dashv$  |              | ++            |               |  | 74       | ┝╌┼           | _      |                 |          | - -   | $\vdash$                |           | -        |        | 124        |                 | 4        | -   | _            | $\bot$       | $\perp$ | _       | Ш               |
| $\vdash$               | 26           | -        | N        | +                  |   | +            | +             | -             |  | 75<br>76 | $\vdash$      | +      | <del> </del>    | $\vdash$ | +   | ╂┷┼                     | -         | -        |        | 125        |                 | - -      | +   | +            | +            | -       |         | Н               |
| $\vdash$               | 27           |          | N        | +-+                |   | +            | +             | -             | <u> </u>   | 77       | $\vdash$      | +-     | ╁               | +        | +   | ╂─┼                     | $\dashv$  | ŀ        |        | 126<br>127 | $\vdash$        | +        | +   | +            | +            |         | - -     | +1              |
| $\vdash$               | 28           |          | N        | +-+                | $\dashv$  | +            | ++            | -             | <del></del>                                      | 78       | H             |        | $\vdash$        | $\vdash$ | <del></del> -   | $\vdash$                | $\dashv$  | -        |        | 128        | -               | +        | +   | +            |              | +       | +       | ++              |
|                        | 29           |          | N        | 11                 | $\dashv$  | $\top$       | +-+           | -             | <u> </u>   | 79       | +             | +      | ╁               |          | +-  | +                       | $\dashv$  | ŀ        |        | 129        | -               | +        | +   | -            |              | +       | +       | ++              |
|                        | 30           |          | N        | $\top$             |   | $\top$       | 1-1-          | 1:::          | <u> </u>   | 80       | $\top$        | +-     | ╁               |          | ┪~  |                         | $\dashv$  | ŀ        |        | 130        | $\neg$          | $\dashv$ | +   |              |              | +       | +       | H               |
|                        | 31           |          | N        |                    | $\neg \vdash$   | 十            | 1             | 7             |  | 81       |               | +      | 1               |          | +   | 1                       | _         | -        |        | 131        | -               | $\dashv$ | $\top$  | +            | -            | t       | -       | H               |
|                        | 32           |          | N        |                    |   |              |               | 7             |  | 82       |               | $\top$ | $\vdash$        |          | +   | $\vdash$                | $\exists$ | -        |        | 132        |                 | 十        | $\dashv$  | +            | _            | +       | +       | ++              |
|                        | 33           |          | N        |                    |   |              |               |               |  | 83       |               |        | П               |          | $\top$  |                         | 1         |          | $\neg$ | 133        | $\neg$          | 十        | $\top$  | $\top$       | $\top$       | $\top$  | $\top$  | $\forall$       |
|                        | 34           |          | N        |                    |   | $oxed{\Box}$ |               |               |  | 84       |               |        |                 |          |   |                         |           |          |        | 134        | $\neg$ †        |          | $\top$  | $\top$       | 1            | $\top$  | 1       | $\sqcap$        |
|                        | 35           |          | N        | $oxed{\Box}$       | ot  |              |               |               |  | 85       |               |        |                 |          | $oldsymbol{ol}oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}$ |                         |           |          |        | 135        |                 |          | $\top$  | 7            | 7            | $\top$  | $\top$  | П               |
| igsquare               | 36           |          |          | $\perp \perp$      |   |              |               | _             |  | 86       |               |        |                 | $\Box$   |   |                         |           |          |        | 136        |                 | $\Box$   |   | _            |              | $\top$  |         | $\prod$         |
|                        | 37           |          |          | $\perp \downarrow$ |   | $\perp$      | $\perp \perp$ | _             |  | 87       |               |        |                 |          |   |                         |           |          |        | 137        |                 |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              | $\perp$      |         |         |                 |
| $\vdash \vdash \vdash$ | 38           |          |          | $\perp \perp$      |   | $\perp$      | $\bot \bot$   | _ ::::        | igsquare   | 88       | $\perp$       | 4_     | $oxed{\Box}$    | [_       |   |                         |           | iii [    |        | 138        |                 |          | $\perp$   | $oxed{\Box}$ |              |         |         |                 |
| <b>  </b>              | 39           |          | _        | $\perp \downarrow$ | _   | $\perp$      | $\bot \bot$   | 4             | لــــــــــــــــــــــــــــــــــــــ          | 89       | ot            |        | Ш               |          |   | ot                      | _         | iii L    | I      | 139        |                 | $\prod$  |   |              | $\perp$      |         |         |                 |
|                        | 40           |          | -        | +                  | - -   | 4-           | ++            | 4             | dash   | 90       |               | 4      | $\sqcup$        |          | 4_  | $\sqcup \downarrow$     | _         | :::L     |        | 140        |                 | _        |   | $\perp$      | $\perp$      | $\perp$ |         | $\Box$          |
|                        | 41           | _        | $\dashv$ | ++                 | +   | +            | ++            | _             | $\vdash \vdash \vdash$                           | 91       |               | -      | $\vdash \vdash$ | _        |   | $\sqcup$                | _         |          |        | 141        | _               | _ _      | $\perp$   | $\perp$      | $\perp$      | $\perp$ |         |                 |
|                        | 42           |          | -+       | ++                 | +   | +            | +-+-          |               | $\vdash \vdash \vdash$                           | 92       |               | +-     | $\vdash \vdash$ |          | +   | $\sqcup$                | _         | L        |        | 142        | _               | $\perp$  | $\bot$  | _            | $\downarrow$ | 4       | 4       | $\sqcup$        |
|                        | 44           |          |          | ++                 | +   | +-           | ++            |               | $\vdash$   | 93<br>94 |               | +-     | $\vdash$        | +        | +   | +-+                     | 4         | -        |        | 143        | -               | +        | +   | 4            | $\perp$      | _       | $\perp$ | $\vdash$        |
|                        | 45           | ᅱ        | +        | ++                 | +   | +            | ++            | -             | $\vdash \dashv$                                  | 95       | $\dashv$      | +      | ╁╾╂             | +        | +-  | ++                      | $\dashv$  | ⊪        |        | 144        | +               | -        | -   |              | +            | +       | +       | H               |
|                        | 46           | ᅥ        | -        | ++                 | +   | +-           | ++            | -             | <del></del>                                      | 96       |               | +      | ╁╌┤             | +        | +-  | <del>   </del>          | -         | -        |        | 145<br>146 | $\dashv$        | -        | +   | +            | +            | +       | +       | $\vdash \vdash$ |
|                        | 47           | $\dashv$ | $\dashv$ | ++                 | $\dashv$  | +            | ++            | -             | <del>                                     </del> | 97       | $\dashv$      | +      | $\vdash$        | +        | +   |                         | -         | -        |        | 147        | $\dashv$        | +        | +   | +            | +            | +       | +       | $\vdash$        |
| - 1                    | 48           | ヿ        | $\dashv$ | ++                 | $\neg \vdash$   | +            | +-+           |               | $\vdash$   | 98       | $\dashv$      | +-     | $\vdash$        | +        | +   | -                       | -         | ⊪        |        | 148        | -+              | +        | -   | +            | +            | +       | +       | +               |
| $\Box$                 | 49           | 一        | 十        | +                  | $\top$  | +-           | 1-1-          | <b>-</b>      | $\vdash$   | 99       | $\dashv$      | +-     | $\vdash$        | +        | +   | +                       | $\dashv$  | -        |        | 149        | +               | +        | +   | +            | +            | +       | +       | H               |
|                        | 50           |          |          | +                  | $\top$  | 1            | ++            |               |  | 100      | $\dashv$      | $\top$ | Н               | 十        | +   | $\vdash$                | -         | <b> </b> | -      | 150        | $\dashv$        | +        | +   | +            | +            | +       | +       | +               |
|                        |              |          | 1        |                    |   |              |               |               | — І  | (        |               |        |                 |          |   |                         |           | ∟        |        | 100        |                 | ㅗ        |   |              | ㅗ            |         |         | ш               |